

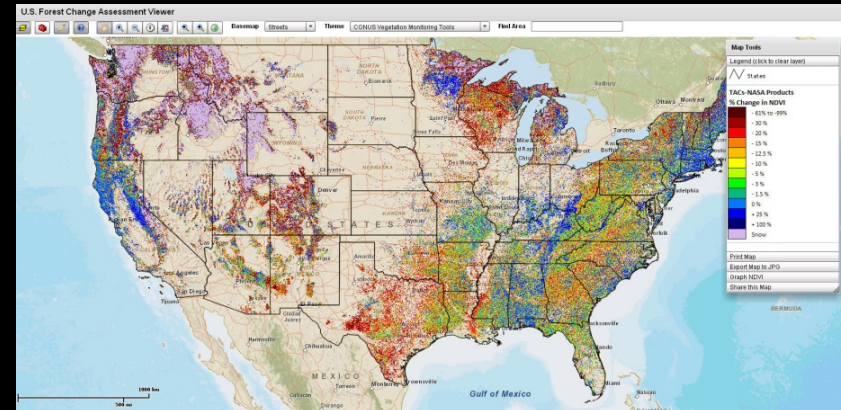
# Satellite Data Aid Monitoring of Nation's Forests



***Stennis Space Center  
Eastern Forest Environmental Threat  
Assessment Center  
Asheville, North Carolina***

## **NASA Technology**

- ◆ The Moderate Resolution Imaging Spectroradiometer (MODIS) is an instrument onboard two Earth-observing satellites
- ◆ Each MODIS satellite collects data on the Earth's surface to improve our understanding of global dynamics and processes



## **Partnership**

- ◆ The Healthy Forests Restoration Act called for the development of a National Early Warning System to detect potential threats to the United States' forests
- ◆ The USDA Forest Service's Eastern Forest Environmental Threat Assessment Center partnered with Stennis and other government organizations to create ForWarn, an early warning system using MODIS data to identify regional disturbances

## **Benefits**

- ◆ The imagery is available through a data viewer called the Forest Change Assessment Viewer and provides a broader-scale understanding of vegetation disturbances
- ◆ ForWarn is being used by federal and state forest and natural resource managers and will likely result in time and cost savings for the organizations